

EPA-2691

"Harry Pettengill"
<pettengillh@verizon.net>

05/11/2011 12:34 PM

To "Steve Marschke", Reid Rosnick

cc Iskoski, djohngoldin, "Gary at Quality Lapel Pins", Valentine
Anoma, "Abe Zeitoun"

bcc

Subject RE: Update

Thanks Steve ,as this report helps a lot. I totally had forgotten about your Task #5 report. Gary, if you could follow-up with your points of contact you have with Reid so he can try from the federal sector to get the input we need. Given Steve already had a lot of this construction data in his report I'm thinking we need to focus more on Texas as that's the one remaining geographic location for in situ where we have sparse data, so Gary I believe they promised to get back with you after May 9th ? The other thing we need is the absolute status of these ponds today. From Steve's review they tend to decommission a pond by removing the liner and sludge and disposal at a licensed site. It appears they keep the berms and high walls for future use. So the question is how many lined ponds, both wet and dry remain in Wyoming, Nebraska, New Mexico, and Texas today? We need this data as soon as we can get it as its really key to moving forward on the EIA portion of the subpart W document for Val.

Thanks Harry

From: Steve Marschke [mailto:smarschke@scainc.com]

Sent: Monday, May 09, 2011 12:28 PM

To: Harry Pettengill; Rosnick.Reid@epamail.epa.gov

Cc: Iskoski@aol.com; djohngoldin@comcast.net; 'Gary at Quality Lapel Pins';
Anoma.Valentine@epamail.epa.gov

Subject: Re: Update

Harry, et al,

Attached is the 1988 Engineering Design Report for the Crow Butte evaporation ponds. I also have all the maps (6 files) that go with this EDR, or they are available through NRC's ADAMS.

I also attached the WA 1-04, Task 5 report that Les and I prepared. Section 3.1 of that report describes the ponds at Crow Butte, Christensen Ranch, Irigaray, and Smith Ranch.

Steve

----- Original Message -----

From: [Harry Pettengill](mailto:Harry.Pettengill@epamail.epa.gov)

To: Rosnick.Reid@epamail.epa.gov

Cc: Iskoski@aol.com ; djohngoldin@comcast.net ; smarschke@scainc.com ; 'Gary at Quality Lapel Pins'
; Anoma.Valentine@epamail.epa.gov

Sent: Wednesday, April 27, 2011 10:48 AM

Subject: FW: Update

Reid,

Below is the latest exchange with Gary on the existence and status of ISL evaporation ponds. When Gary gets back in town I'll have him forward any e-mail contacts he has so you can try from the federal sector to help get important input data. My quick observation is the two ponds at Smith Ranch appear to be active 25 years after construction which I would believe is well beyond design life. For Crow Butte they list 3 commercial ponds and 2 R&D ponds. We know the R&D ponds were built in 1990 so this is one to pursue as that site was in operation for many years.

Team,

Per Gary's request if you know of any available data on ISL evaporation pond constructions please pass it along to all of us.

Val,

This data we are trying to locate is rather key to your EIA part of the subpart W review. There were no operational heap leaches in this time period, only three mills and we have the data on them, so the ponds at ISL's become the all important issue for us and you to complete the EIA portion on subpart W.

Harry

From: Gary at Quality Lapel Pins [mailto:gary@qualitylapelpins.com]

Sent: Tuesday, April 26, 2011 11:03 AM

To: Harry Pettengill

Subject: Update

Harry: Here is where I am at on the ISL Waste Water Management:

I contacted the Licensee representatives in Texas, New Mexico, Wyoming, and Nebraska. They were not cooperative with giving me the information that I wanted (pond design, liner specifications, size of pond, and construction date as well as the use of deep well injection and land spreading). They referred me to State or Federal Regulatory contacts (by the way, most of the people that I and You know at the ISL sites have followed your lead and retired, so we are dealing with a new folks).

I contacted the NRC project managers and requested information. They indicated that they do not have the staff and resources to help, so they suggested utilizing ADAMS. I spent hours pouring over the database with few positive results. I also contacted the State contacts. Wyoming also said they have no staff and no resources and suggested that I review the Annual Reports. I look these up in ADAMS and there is a limited amount of information. The State of New Mexico, also stated that they could not help. Texas on the other hand said that they will cooperate and can forward information to me by the second week of May.

This has been a rather frustrating project. Do you know if anyone else on the team has any information? I am trying to populate the table shown below.

Operation	Evaporation pond?	Date Pond was constructed ?	Size of pond in acres	Synthetic liner under pond?	Leak detection system?	Deep well injection
	East and west	1986, per	8.6 acres	Yes	Yes,	Yes,

Cameco, Smith Ranch	ponds	annual report	(table 3.1 2010 annual rpt)		ponds have had leaks	used for almost of the waste water, started in 1999
Cameco, Crow Butte	3 commercial ponds and 2 R&D ponds	R&D ponds 1990		Yes	Yes	Yes all bleed stream
Hydro Resources, Crown Point						
Hydro Resources, Church Rock						
Mestena, Alta Mesa						
Uranium Resources Inc., Kingsville Dome						
Uranium Resources Inc., Vaquez						
Uranium Resources Inc., Rosita						
Mestena, Alta Mesa						
STMV, La Palangana						